

Amendments to the Claims:

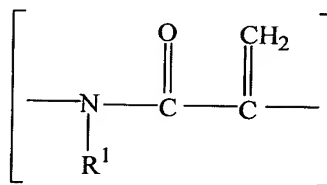
Kindly amend claims 1-14 and add new claims 16 and 17 as follows:

The listing of claims below is intended to replace all prior listings of claims presented in the above-identified application.

1. (Currently amended) Dental material containing an amide of the general formula BX_n in which

B ~~stands for~~ is a hydrocarbon radical with 1 to 50 carbon atoms which can contain one or more of the groups O, S, NH, CO-NH, ~~O-CO-NH~~ and/or NH-CO-NH, and which is substituted n times with the group X,

X ~~stands for~~ is the group



which is bound to the radical B via the nitrogen atom or via C-2, the bond site not connected to B carrying a radical R^2 ,

R^1 is hydrogen, an alkyl group with 1 to 20 carbon atoms or a phenyl radical, two or more radicals X being able to share a radical R^1 and R^1 also being able to be a constituent of the radical B,

R^2 is hydrogen, an alkyl group with 1 to 20 carbon atoms or a phenyl radical, and

n is a number from 2 to 5, and

at least one acidic polymerizable monomer.

2. (Currently amended) Dental material according to claim 1, wherein ~~characterized in that~~

B ~~stands for~~ is a saturated, linear or branched aliphatic group with 2 to 15 carbon atoms which can contain one or two of the groups S, NH, O, NH-CO-O or O-CO-NH, for a cycloaliphatic group with 6 or 15 carbon atoms,

an aromatic or non-aromatic heterocyclic radical with 3 to 10 carbon atoms and 1 to 3 heteroatoms,

an aromatic radical with 6 to 12 carbon atoms or a combination of these radicals,

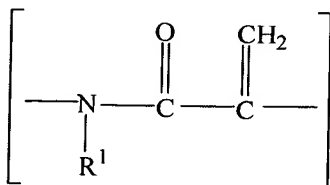
R^1 is hydrogen or a C_1 to C_5 alkyl group,

R^2 is hydrogen or a C_1 to C_5 alkyl group,

n is 2 or 3.

3. (Currently amended) Dental material according to claim 1, wherein characterized in ~~that B carries, in addition to the group X, one or more substituents which are chosen from Cl, Br, OH and/or COOH.~~
4. (Currently amended) Dental material according to claim 1, wherein characterized in ~~that R^1 and/or R^2 are substituted once or several times, the substituent or substituents being chosen from Cl, Br, OH and/or COOH.~~
5. (Currently amended) Dental material according to claim 1, wherein the material ~~characterized in that it contains a polymerization initiator and optionally a polymerizable binder.~~
6. (Currently amended) Dental material according to claim 5, wherein the material ~~characterized in that it contains at least one acidic polymerizable monomer.~~
7. (Currently amended) Dental material according to claim 5, wherein the material ~~characterized in that it contains at least one ethylenically unsaturated polymerizable monomer.~~
8. (Currently amended) Dental material according to claim 7, wherein the material ~~characterized in that it contains a polyfunctional polymerizable monomer.~~
9. (Currently amended) Dental material according to claim 5, wherein characterized in ~~that the quantity of the amide BX_n relative to the sum of the masses of the amide BX_n and other polymerizable monomers is more than 3 wt.-%, preferably more than 10 wt.-%.~~

10. (Currently amended) Dental material according to claim 5, wherein the material
~~characterized in that it~~ contains an initiator for the photopolymerization.
11. (Currently amended) Dental material according to claim 1, wherein the material
~~characterized in that it~~ contains filler.
12. (Currently amended) Dental material according to claim 1, wherein the material
~~characterized in that it~~ contains at least 1 wt.-% preferably at least 5 wt.-% of the amide BX_n
relative to the overall mass of the dental material.
13. (Currently amended) Dental material according to claim 1, wherein the material
~~characterized in that it~~ contains
- (a) 1 to 90 wt.-% of the amide BX_n ,
 - (b) 0.1 to 5.0 wt.-% polymerization initiator,
 - (c) 0 to 70 wt.-% polymerizable monomer (non-acidic),
 - (d) 0 to 70 wt.-% acidic polymerizable monomer,
 - (e) 0 to 70 wt.-% filler,
 - (f) 0 to 70 wt.-% solvent
- in each case relative to the overall mass of the dental material.
14. (Currently amended) An amide of the general formula BX_n in which
- B ~~stands for~~ is a hydrocarbon radical with 1 to 50 carbon atoms which can
contain one or more of the groups O, S, NH, CO-NH, ~~O-CO-NH~~ and/or NH-CO-NH, and
which is substituted n times by the group X,
- X ~~stands for~~ is the group



which is bound to the radical B via the nitrogen atom or via C-2, the bond site not connected to B carrying a radical R^2 ,

R^1 is hydrogen, an alkyl group with 1 to 20 carbon atoms or a phenyl radical, two or more radicals X being able to share a radical R^1 and R^1 also being able to be a constituent of the radical B,

R^2 is hydrogen, an alkyl group with 1 to 20 carbon atoms or a phenyl radical, and n is a number from 2 to 5, comprising a dental adhesive, coating material, filling material or dental cement.

15. (Canceled).

16. (New) Dental material according to claim 9, wherein the quantity of the amide BX_n is more than 10 wt.-%.

17. (New) Dental material according to claim 12, wherein the material contains at least 5 wt.-% of the amide BX_n .